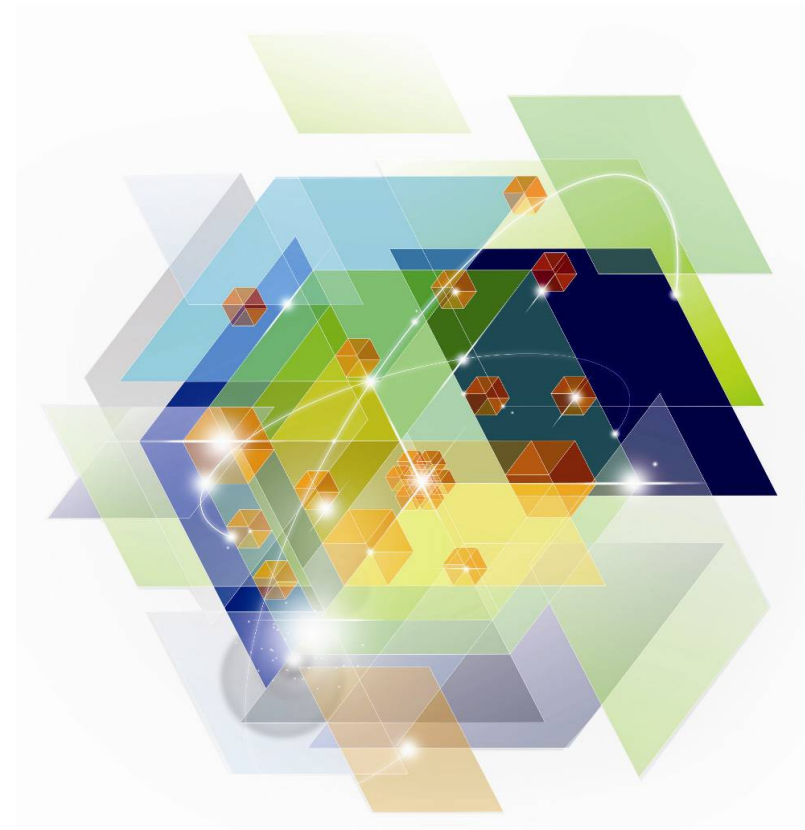


# PD Tools – Update/Roadmap

Hans Emrich  
SWG Techsales PDTools



Y2000:  
**Fault Analyzer V1.1**  
**File Manager V1.1**  
Code/370/DebugTool V1.x

Y2001:  
FA: Support MQ  
**FM: Support DB2 & IMS Batch**

Y2002:  
DT 1.3/3.1 - Assembler  
- **dynamic debugging**  
**WSim V1.1**

Y2003:  
DT Utilities for IMS  
and LE Assembler

Y2004  
Integration DT Utilities with Debug Tool  
**FA: Support for WAS**

Y2005:  
**Appl. Perf. Analyzer V1.1**

Y2006:  
**FM: Support for CICS**  
**CA Migration Tool V3.1**

Y2007:  
APA: Support for Java  
**FA&FM: Integration in RDz**

Y2008:  
**PDTools V9 Announcement.**  
DT, APA, FM, FA

Y2009:  
APA: Mass support CICS, IMS, DB  
**DT: DTCN GUI**  
**FA: Standalone plug-in**  
**Hourglass V6.1**

Y2010:  
**Standalone plug-ins**  
DT, FA, FM, APA

Y2012:  
**PDTools V12**  
- Common Component Server  
- WSim GUI  
**CA Migration Tool V4.1**  
**ISPF Product. Tool V7.1**

Y2013/14:  
**PDTools Vnext**

# PDTools V12 Highlights

## New with DT V12

- Support for XPLINK
- Consolidated user exits
- **Delayed debugging technology**
- Performance improvements for automonitor
- Several **improvements** on use of 3270 and **GUI frontend**
- Support for BTS
- **Use of common component server for DTSP Plug-In**

## New with FM V12

- **GUI-Plug-In extension to access DB2, CICS and MQ data**
- Support for IMS V12
- Formated edit with KSDS Key
- **Improved usability of GUI-Plug-In**
- Better Integration with CICS- and IMS-Explorer
- Use of common component server

## New with FA V12

- Enhancements for C and JAVA applications
- **Use of common component server**
- **Improved GUI-Plug-In**
- Usability improvements
- New options

## New with WSim V1.1

- **Initial Eclipse Plug-In**
- Integration mit CICS- und IMS-Explorer

## New with APA V12

- Enhanced support for WebSphere
- Improved support for DDF threads
- Improvements on sampling and reporting DB2 and IMS extractors
- Support for CICS TS V5.1, IMS V12, Java V6.0.1
- **Improved usability of GUI-Plug-In and 3270 frontend**

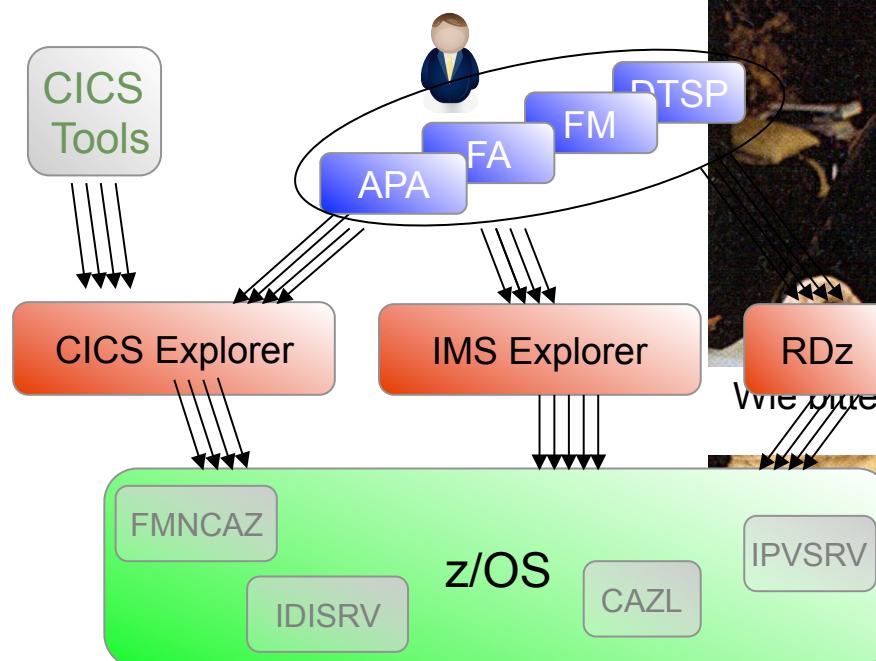


# IBM PD Tools GUIs – A new topology

## Client



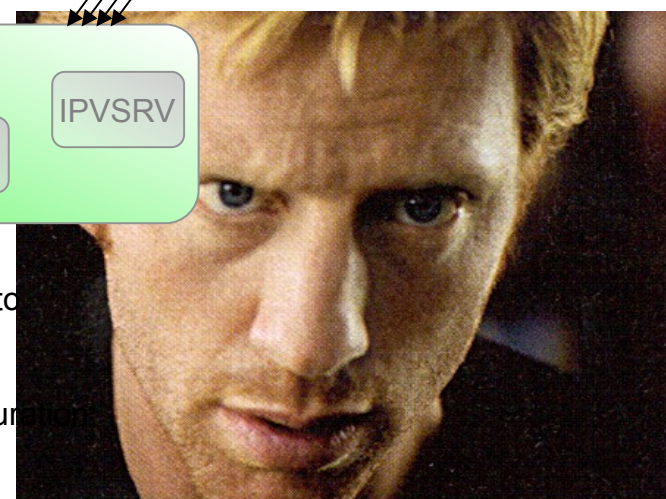
PDTools GUI - Topology pre V12  
(without the common component)



Wie oft, noch 'ne Verbindung ?

PD Tools Plug-ins do not have an simple way to integrate with different Explorers and RDz.

There are multiple points of connection configuration and multiple PD Tools specific server tasks.



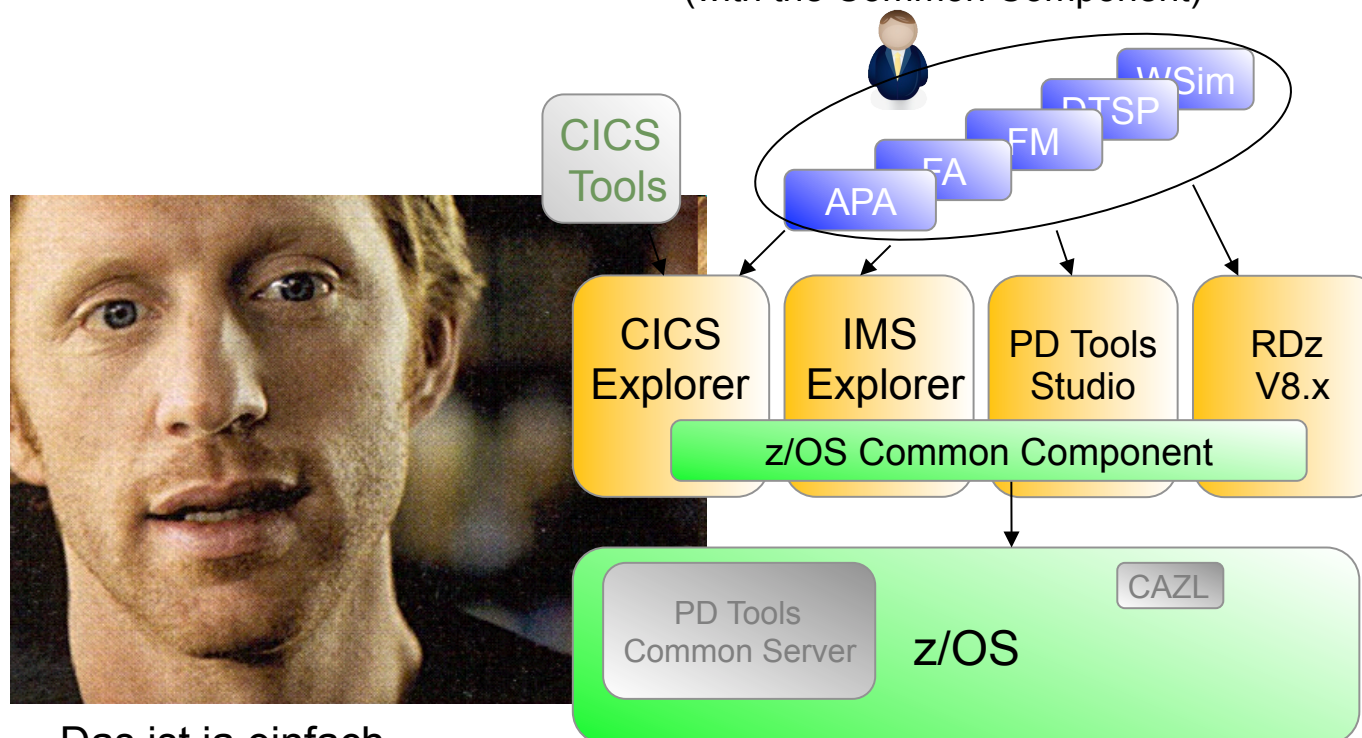
Der gibt einfach nicht auf.

# IBM PD Tools GUIs – A new topology

Client



## PDTools GUI - Topology V12 (with the Common Component)



Das ist ja einfach.

PD Tools now have a consistent, integrated and easy to use way to work with CICS and IMS explorer and RDz

There is now a common connection framework, with a single point of configuration, providing a vastly simplified user experience.

**Systems Information**

Type here to search the tree (Ctrl+F)

- 1.2.3.4:2800 - test LPAR1
  - Action History
  - CICS
  - Data Sets
  - DB2
  - Message Queue Managers
  - UNIX System Services
- 172.16.36.226:2800 - zHero
  - Action History
  - CICS
  - Data Sets
  - DB2
  - Message Queue Managers
  - UNIX System Services
- 9.212.143.123:2800 - zTEC MoP
  - Action History
  - CICS
  - Data Sets
  - DB2
  - Message Queue Managers
  - UNIX System Services

**Connections**

type filter text

- Application Performance Analyzer (1)
  - zTEC MoP [EMRICH@9]
- DTCN
- Problem Determination Tools for z/OS (3)
  - zTEC MoP [EMRICH@9]
  - zHero [EMRICH@9]
  - test LPAR1 [Hansemann]
- WSIM
- z/OS (1)
  - z/OS FTP (1)
  - z/OSMF

**Credentials**

- Hansemann [HEMRICH]
- EMRICH@9 [EMRICH]

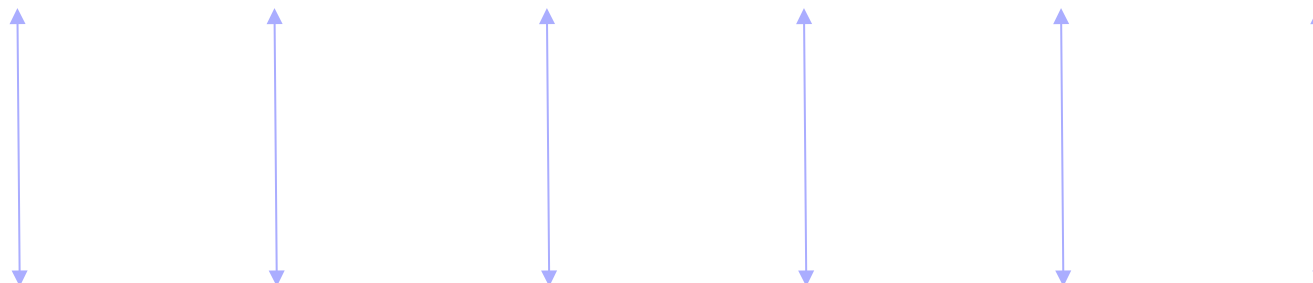
# PD Tools GUIs pre V12 – topology

## Host



Plug-In

DT	DTCN	DTSP	FA	FM	APA
----	------	------	----	----	-----



Corresponding  
Host component

DT	DTCN	IPVSRV	IDISRV	FMNCAZ	CAZL
N/A	CICS http server	Java	Java	Native	Native

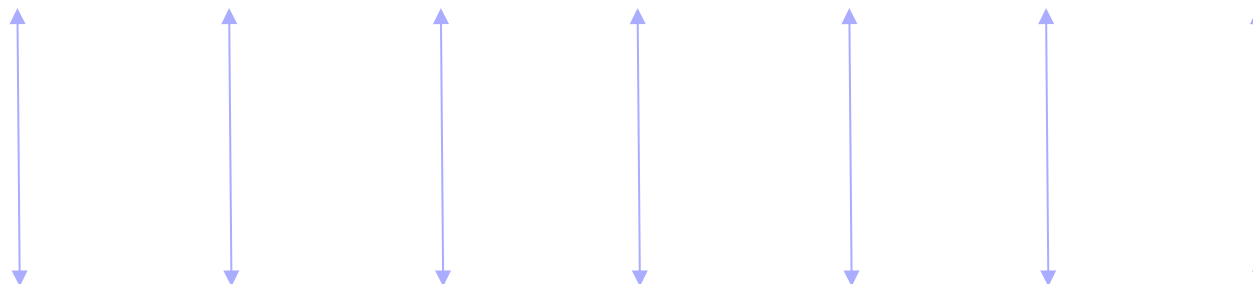
# PD Tools GUIs V12 – topology

## Host



Plug-In

DT	DTCN	DTSP	FA	FM	APA	WSim
----	------	------	----	----	-----	------



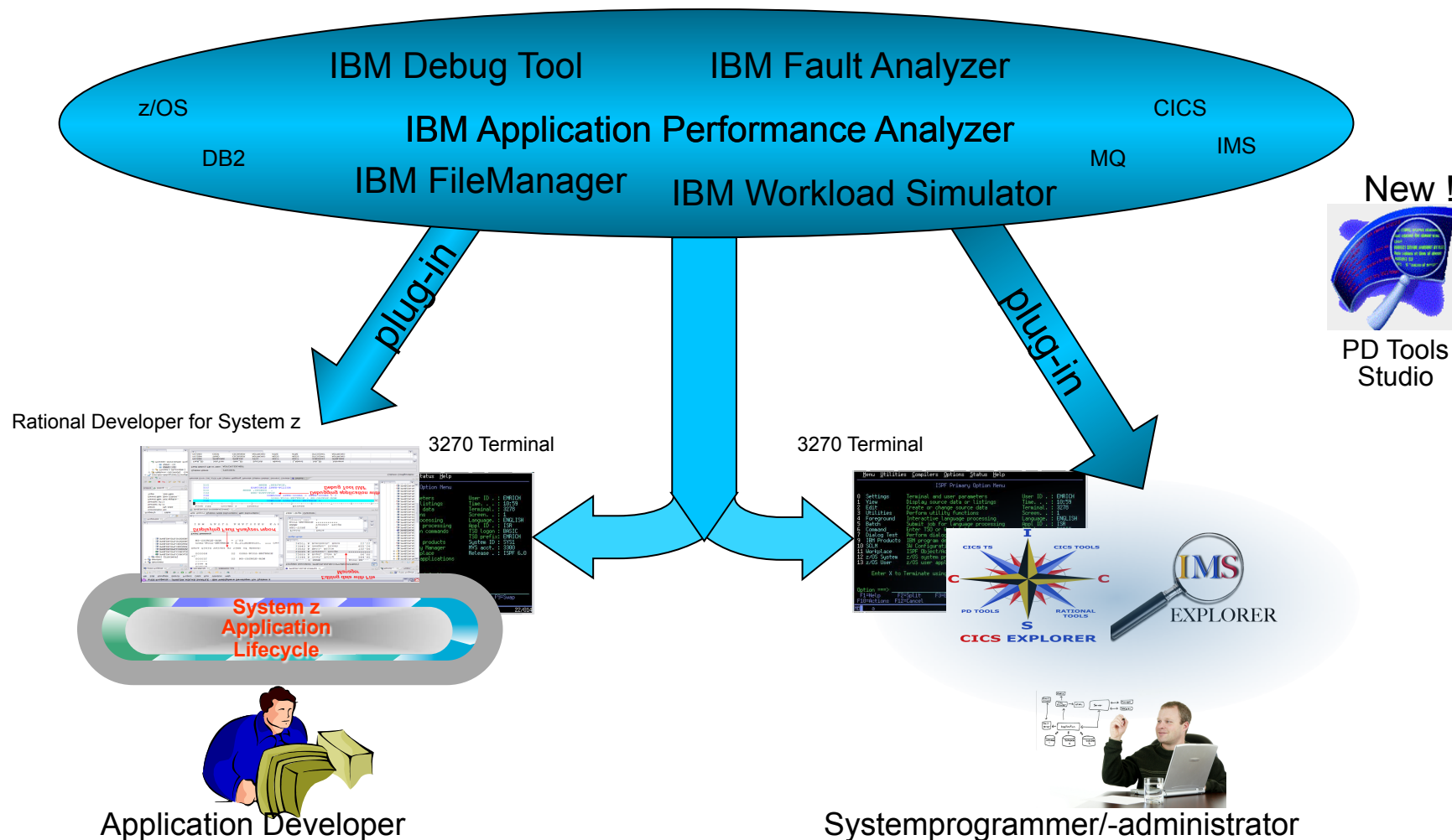
Corresponding  
Host component

DT	DTCN	Common Component Server		CAZL	WSim
N/A	CICS http server	Native		Native	Native



# PDTools Studio

another eclipse based frontend



## Problem Determination Tools Studio – Full-function, Eclipse-based GUI Environment

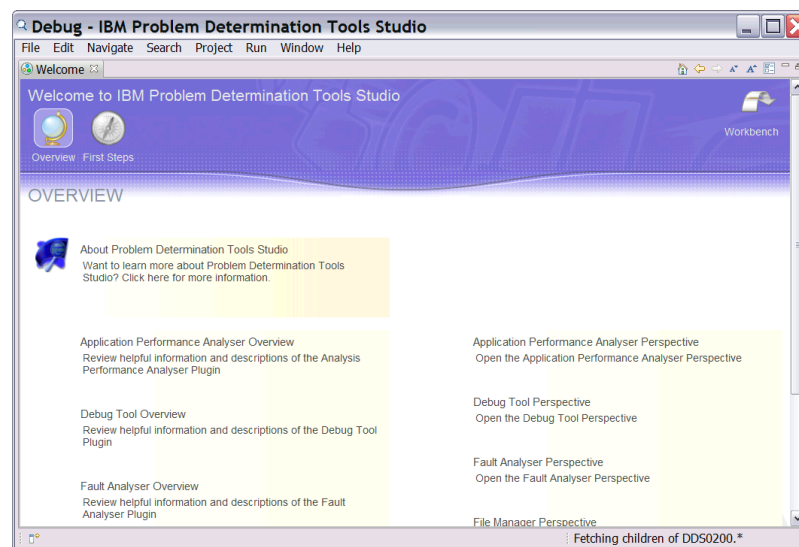


### ■ PD Tools Studio

- ▶ Includes five individual V12 refreshed PD Tools Plug-ins:

- Debug Tool
- Fault Analyzer
- File Manager
- Application Performance Analyzer
- Workload Simulator

- Improved and simplified connections management
- Intuitive and secure access to z/OS resources
- Easier installation and maintenance
- Expandable to incorporate other plug-ins (e.g. CICS Tools)



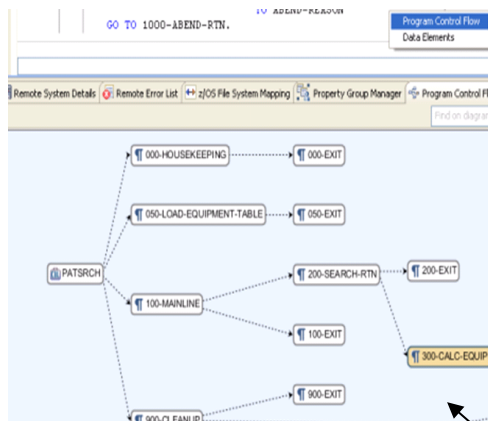
### ■ PD Tools Studio Includes:

- APA - used for submitting new observation requests and navigating performance analysis reports.
- DT - helps debug load modules running on z/OS, including those run in CICS, DB2, IMS.
- FA - access to problem reports for diagnosing mainframe application errors and ABENDs.
- FM - an interface to a set of tools for manipulating and browsing data stored in various z/OS resources including data sets, USS files, and MQ queues.
- WS - helps manage the test process and automatically generate Workload Simulator scripts and networks.
- z/OS Perspective -- A perspective and views included to list, create, edit, and control z/OS datasets, PDS datasets, zFS files and paths and to submit jobs and view JES spool output.

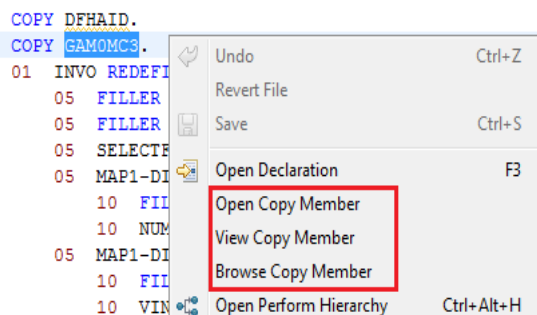
# Problem Determination Tools Studio – where to position PDTools Studio



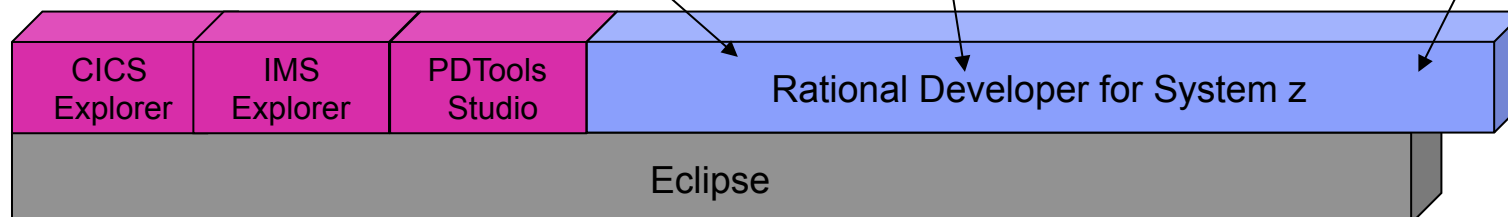
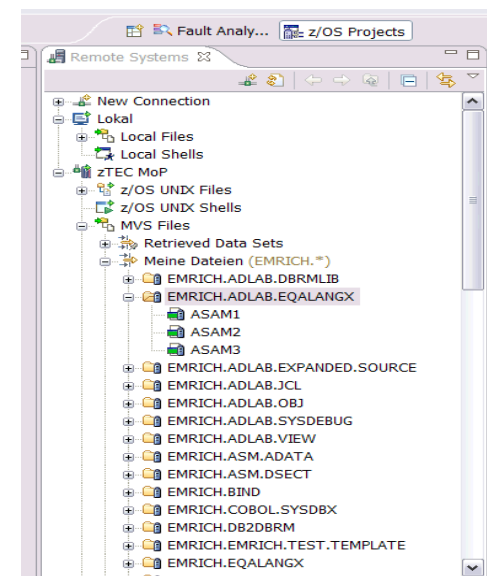
## Visual features



## Language specific features



## Environment functions



# RFE Community



developerWorks®

Technical topics

Evaluation software

Community

Events

Search developerWorks



RFE Community

developerWorks > RFE Community >

## Search submitted RFEs

### Run one of your searches

You have not saved any searches. To save a new search, select the search criteria and click **Save search**.

#### Search by attributes

#### Search by RFE IDs or RATLC numbers

To view submitted RFEs, enter values for one or more fields, then click Search.

**Brand:**

**Product family:**

**Product:**

**Component:**

**Status:**

**Submitter display names:**

Separate multiple display names with commas.

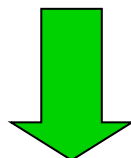
**Keywords:**

Separate multiple keywords with commas.

Search

Save search

just google with **"IBM RFE"** :



### IBM Software RFE Community: RFE Community

[www.ibm.com/developerworks/rfe/](http://www.ibm.com/developerworks/rfe/) - Diese Seite übersetzen Teilen

The **IBM RFE** Community lets you directly communicate and collaborate with IBM product development teams and other product users on ideas for improving ...

[Rational RFE Community](#)

The IBM RFE Community

[WebSphere RFE Community](#)

The IBM RFE Community

### Results

Show summaries | Hide summaries

Headline	Status	Date created
<a href="#">RDz File Manager DB2 plugin: adding a setting to inactivate 'DB2 editor option' &amp; 'Add query' case sensitivity.</a>	Submitted	08 Feb 2013
<a href="#">Editor block mode in File Manager</a>	Submitted	17 Dec 2012
<a href="#">Save to Desktop from editor</a>	Submitted	07 Dec 2012
<a href="#">27885 Add DCLGEN in the FM plug-in for DB2 under RDz</a>	Submitted	26 Oct 2012
<a href="#">27880 Impl?mentation de SPUFI et DCLGEN dans FM DB2</a>	Planned for Future Release	26 Oct 2012
<a href="#">27879 Message d'erreur de compilation incomplet</a>	Planned for Future Release	26 Oct 2012

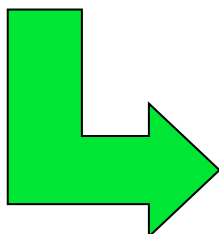
## IBM PD Tools Produktinformationen



- IBM Fault Analyzer for z/OS V12 (5655-W69)
- IBM File Manager for z/OS V12 5655-W68)
- IBM Debug Tool for z/OS V12 (5655-W70)
- IBM Application Performance Analyzer for z/OS V12 (5655-W71)
- IBM Workload Simulator for z/OS & OS/390 V1.1 (5655-I39)
- IBM Hourglass V6.1 (5697-P29)
- IBM ISPF Productivity Tool V7.1 (5655-SPF)
- IBM Migration Utility V4.1 (5655-MGU)

### ▪ Detailed Information

- <http://www.ibm.com/software/awdtools/deployment/>
- or: just google with “**IBM PDTOOLS**” :



[IBM - z/OS Problem Determination Tools - Family Overview](http://www.ibm.com/software/awdtools/deployment/)

[www.ibm.com/software/awdtools/deployment/](http://www.ibm.com/software/awdtools/deployment/) - Diese Seite  
übersetzen

Announcement Letter: IBM Problem Determination Tools V12 -  
Analyst Summary Report: **IBM PD Tools** lead again - Analyst Full  
Report: **IBM PD Tools** lead ...

[Training and certification](#) - [Library](#) - [Services](#) - [IBM Problem Determination ...](#)



## Modern workplaces for modern people ☺





hans.emrich@de.ibm.com